

Converting Colors

$Yxy(56.9677, 0.2373, 0.2716)$

Have a look what the booklet for
Yxy(56.9677, 0.2373, 0.2716)
contains.

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Color

Yxy(57.0776, 0.2373, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	82D0FF
RGB	130, 208, 255
RGB Percent	51%, 82%, 100%
CMY	0.4902, 0.1843, 0.0000
CMYK	0.49, 0.18, 0.00, 0.00
HSL	203°, 100%, 75%
HSV	203°, 49%, 100%
XYZ	49.8143, 57.0776, 103.0294
YIQ	190.0360, -61.5750, -1.9190

Conversions

Conversions Part 2

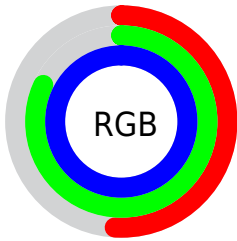
Format	Color
RYB	130, 178, 255
Decimal	8573183
CIELab	80.22, -11.63, -30.45
CIELCh	80, 32.593, 249.098
Yxy	57.0776, 0.2373, 0.2719
Android (android.graphics.Color)	4286763263 (0xFF82D0FF)
YUV	190.0360, 32.0273, -52.6516
Hunter-Lab	75.5497, -14.5166, -27.9707

Details

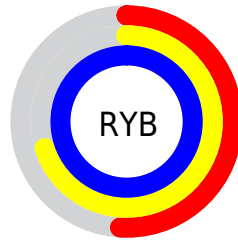
The Yxy color **57.0776, 0.2373, 0.2719** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.3101, 0.4245, 0.3780**, and the grayscale version is **51.3509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **28.4905, 0.2199, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **50.7704, 0.2239, 0.2578**, and if you desaturate by 10%, it is **64.1664, 0.2519, 0.2854**.

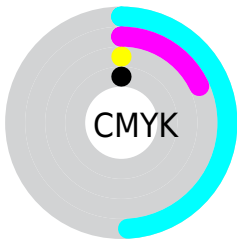
Distribution



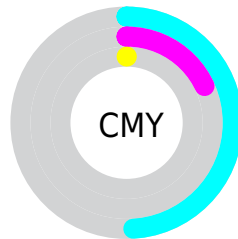
- Red (51%)
- Green (82%)
- Blue (100%)



- Red (51%)
- Yellow (70%)
- Blue (100%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (49%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0776, 0.2373, 0.2719 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.0776, 0.2373, 0.2719 by changing the saturation by 10% instead.


 57.0776, 0.2373,
0.2719


 57.0776, 0.2373,
0.2719


413.7400, 0.2725,
0.2995


 41.0675, 0.2293,
0.2654


 100.5784, 0.2495,
0.2817

 28.3719, 0.2194,
0.2572


 128.8380, 0.2543,
0.2854

 18.6062, 0.2071,
0.2468


 161.9494, 0.2584,
0.2886

 11.3861, 0.1911,
0.2330

200.2973, 0.2619,
0.2914

 6.3271, 0.1700,
0.2142

244.2659, 0.2650,
0.2938

 3.0450, 0.1412,
0.1874

294.2396, 0.2678,

 1.1553, 0.1010,

0.2959

0.1473

350.6028, 0.2703,
0.2978

0.0247, 0.0000,
0.0090

0.0000, 0.0000,
0.0000

57.0776, 0.2373,
0.2719

57.0776, 0.2373,
0.2719

50.7704, 0.2239,
0.2578

64.1664, 0.2519,
0.2854

45.2030, 0.2121,
0.2432

72.0762, 0.2672,
0.2981

40.3272, 0.2023,
0.2284

80.8422, 0.2829,
0.3097

36.0868, 0.1946,
0.2138

90.4974, 0.2987,
0.3203

■ 32.4012, 0.1889,
0.1996

100.0000, 0.3127,
0.3290

■ 32.0620, 0.1884,
0.1983

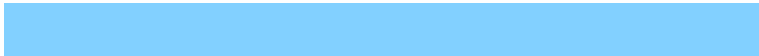
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.0776, 0.2361, 0.3001



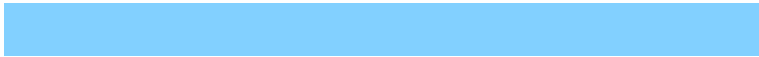
57.0776, 0.2373, 0.2719



57.0776, 0.2569, 0.2604

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0776, 0.2373, 0.2719



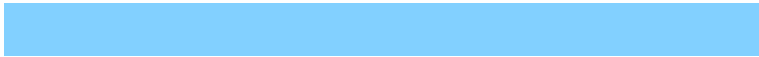
57.0776, 0.3740, 0.3145



57.0776, 0.3292, 0.4034

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0776, 0.2373, 0.2719



54.3101, 0.4245, 0.3780

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.0776, 0.3683, 0.4023



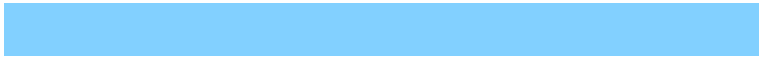
57.0776, 0.2373, 0.2719



57.0776, 0.3959, 0.3487

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0776, 0.2373, 0.2719



57.0776, 0.3349, 0.2849



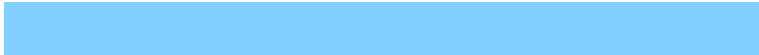
57.0776, 0.3934, 0.3809



57.0776, 0.2873, 0.3800

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0776, 0.2373, 0.2719



57.0776, 0.2788, 0.2621



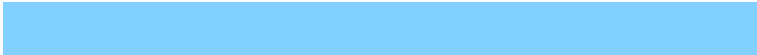
57.0776, 0.3934, 0.3809



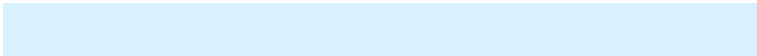
57.0776, 0.3431, 0.4058

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.0774, 0.2373, 0.2719



84.6192, 0.2893, 0.3141



79.3925, 0.2842, 0.4275



17.6846, 0.2860, 0.3118



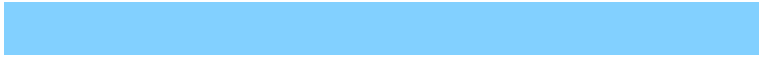
0.0000, 0.0000, 0.0000



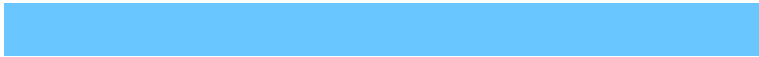
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0774, 0.2373, 0.2719



50.7849, 0.2240, 0.2578



32.7254, 0.2223, 0.1933



19.2665, 0.2979, 0.3198



17.0496, 0.1891, 0.2006



1.8703, 0.1936, 0.2168

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.7761, 0.3631, 0.2503



35.3692, 0.3781, 0.2367



84.2138, 0.3924, 0.4352



18.1778, 0.3196, 0.3143



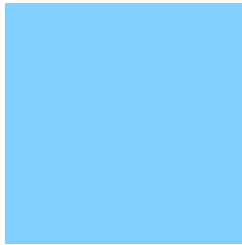
12.4491, 0.4446, 0.2223



1.2334, 0.4267, 0.2124

Previews

White Background



This preview shows how the Yxy color 57.0776, 0.2373, 0.2719 looks on a white background.

Color Contrast Check

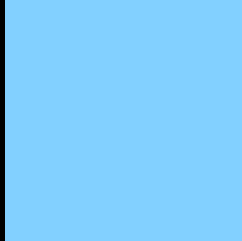
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.0776, 0.2373, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

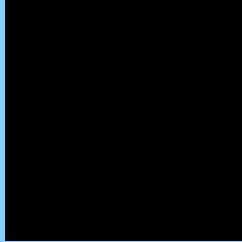
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

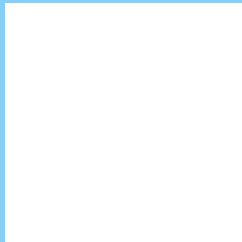
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0776, 0.2373, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 57.0776, 0.2373, 0.2719.



This preview shows how white text looks on a background with the Yxy color 57.0776, 0.2373, 0.2719.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0776, 0.2373, 0.2719

Protanopia

56.5728, 0.2718, 0.2716

Deuteranopia

56.6893, 0.2664, 0.2612



Tritanopia

56.9377, 0.2462, 0.3057

Trichromacy



Original Color

57.0776, 0.2373, 0.2719

Protanomaly

56.2551, 0.2579, 0.2712

Deuteranomaly

56.6355, 0.2547, 0.2650

Tritanomaly

57.1805, 0.2431, 0.2937

Monochromacy



Original Color

57.0776, 0.2373, 0.2719

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1124, 0.2794, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0776, 0.2373, 0.2719 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 208, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0776, 0.2373, 0.2719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 208, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 208, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0776, 0.2373, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 208, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
208, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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